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Replacement Abstract

HYDRAULIC CONTROL SYSTEM FOR A VARIABLE COMPRESSION  
RATIO INTERNAL COMBUSTION ENGINE

ABSTRACT

~~This patent application  
relates to Provisional Patent  
Application Confirmation No.  
9946, Application No.  
60/393,786, Filing Date  
07/08/2002.~~

~~A moveable crankshaft assembly that  
is positioned by an hydraulic  
positioning device hydraulically  
connected to a constant pressure  
hydraulic reservoir. The hydraulic  
connections between the reservoir and  
the positioning device are equipped with  
pressure relief valves, or equivalent  
substitutes, connected in parallel to  
pass fluid in either direction to  
maintain the same pressure in the  
hydraulic positioning device as in the  
reservoir. A coupling is installed  
between the crankshaft and the power  
train that is capable of accommodating  
movement.~~

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A movable crankshaft assembly is positioned by a

positioning device hydraulically connected to a constant pressure hydraulic reservoir. The hydraulic connection between the reservoir and the positioning device is equipped with pressure relief valves connected in parallel to pass fluid in either direction to maintain the same pressure in the positioning device as in the reservoir.